

Date: Tue, 12 Oct 93 11:11:32 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #1214  
To: Info-Hams

Info-Hams Digest                      Tue, 12 Oct 93                      Volume 93 : Issue 1214

Today's Topics:

Astatic D-104  
Freebies from ARRL HQ  
FT-530 Mods followup  
Homonaused (Was: Newsline #842)  
Homoseckshul hams (2 msgs)  
Info-Hams Digest V93 #1212  
Intolerance and stuff  
Monitoring public service  
More Power to You  
MOTOROLA (2 msgs)  
Motorola (Another Opinion...)  
Please Help Finding Mac Gray Line Software  
SSC 7.0 fax software comments??  
Summary of Ethernet coax responses

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 12 Oct 93 15:40:32 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Astatic D-104  
To: info-hams@ucsd.edu

I believe Amateur Electronic Supply has replacement cartridges for the D-104.  
I have a T-UG9-D104 back from the days of CB in the late 1970's. I tried  
hooking it to my FT-757GXII but the impediance was off and the microphone is  
rather sensitive to RF (too much feedback). Since I can't do much HF work,

I never tried solving the problem. Good luck. I'd like to know if you get it working and what you needed to do to get it to work.

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+-----+-----+
| Robert G. Schaffrath, N2JTX | Internet:  rgs%wpmax2%gfimda@uunet.uu.net |
| Systems Engineer           | CompuServe: 70541,435 |
| Maxwell House Coffee Company | Phone:      914-335-2777 |
| Kraft General Foods Corp.   | Slogan:     "ervice is ur mott" |
+-----+-----+
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Date: 12 Oct 93 09:15:20 EDT  
From: psinntp!arrl.org@uunet.uu.net  
Subject: Freebies from ARRL HQ  
To: info-hams@ucsd.edu

A reminder to all that the American Radio Relay League continues to make available to Amateur Radio Operators and non-amateurs alike a wide variety of free materials and services. Of particular interest to the not-yet-licensed individual would be the ARRL Prospective Ham Package. In the PHP, one would find:

- 
- 1. Printouts of Volunteer Examination session opportunities in his/her area.
- 
- 2. Listings of Amateur Radio clubs in his location.
- 
- 3. Helpful promotional material about the Amateur Radio Service.
- 

The already-licensed individual might well be interested in another free ARRL publication, the ARRL Public Service Communications Manual. The PSCM represents the "bible" of public service communications, and clearly/concisely points out how the ARRL National Traffic System and the ARRL Amateur Radio Emergency Service function as a cohesive unit to provide the maximum support to the public both in times of disaster as well as "normal" times.

-  
To obtain any of these free ARRL services, please provide me with:

- 
- A. Your name
- B. Your mailing address
- C. A Specific request for either of the two services above.

-

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|      | |      Deputy Manager, Field Services, ARRL.
|      |____|      The ARRL Amateur Radio Emergency Service, the ARRL
|  uck  | |      urder  National Traffic System, The Amateur Auxiliary to
-----| |      the FCC's Field Operations Bureau, the ARRL
        | |      Field Organization and the ARRL Monitoring System.
        KY1T
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lhurder@arrl.org Prodigy - MGTS39A, BIX - ARRL,  
MCI Mail - RPALM, MCI Mail - "ARRL", America On Line - "ARRL HQ"  
Compuserve - 70007,3373 (ARRL HQ) -- Genie ARRL.HQ

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Date: 12 Oct 93 15:48:58 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: FT-530 Mods followup  
To: info-hams@ucsd.edu

>> YAESU FT-530  
>>  
>> Expanded Receive 110-180, 300-500 MHz  
>> Expanded Transmit 130-180, 400-470 MHz  
>>  
>> NOT LEGAL IN U.S.A - FOR EXPORT ONLY  
>  
>In what way is this mod "not legal"? The expanded receive doesn't  
>cover the cellular band, so the ECPA doesn't come into it, and I don't  
>know of any other restrictions on ownership or modification (as  
>opposed to use of possibly modified equipment) of radio receivers  
>and/or transmitters (well, besides the 11 meter amplifier ban, which  
>also doesn't apply). So what law is this mod against, or is this  
>disclaimer just a "CYA" measure?  
> -Steve, WB3I

As far as I am concerned it is not a "CYA" just an advisory. I posted what I had received and that was in it. My guess is, having seen official modification sheets from Kenwood and Yaesu with this disclaimer in it, that this must have been transcribed from some sort of "official" sheet from Yaesu. Just a guess.

+-----+-----+  
Robert G. Schaffrath, N2JTX	Internet: rgs%wpmax2%gfminda@uunet.uu.net
Systems Engineer	CompuServe: 70541,435
Maxwell House Coffee Company	Phone: 914-335-2777
Kraft General Foods Corp.	Slogan: "ervice is ur mott"
+-----+-----+

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Date: Tue, 12 Oct 1993 15:34:16 GMT  
From: sdd.hp.com!vixen.cso.uiuc.edu!uwm.edu!math.ohio-state.edu!news2.uunet.ca!  
apple.com!netcomsv!netcom.com!grady@network.ucsd.edu  
Subject: Homonauseated (Was: Newsline #842)  
To: info-hams@ucsd.edu

Jeff Herman (jherman@uhunix3.uhcc.Hawaii.Edu) wrote:  
: I do not fear homosexuals; homonauseated or homodisgusted would be  
: much more accurate.

So -- your posting digusts me. Does this mean you will or  
should stop posting?

I think you disgust just reflects your uncertainty in your  
own sexuality. But be that is it may, the ARRL has to  
call to make social commentary on specific social groups.

ARRL should be promoting radio, not its social agenda.

--  
"PGP," warns Dorothy Denning, a Georgetown University professor  
who has worked closely with the National Security Agency,  
"could potentially become a widespread problem." -- (E. Dexheimer)  
Grady Ward grady@netcom.com (707) 826-7715 [voice/24 hr FAX]

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Date: 12 Oct 93 14:11:49 GMT  
From: dog.ee.lbl.gov!agate!doc.ic.ac.uk!pipex!howland.reston.ans.net!  
europa.eng.gtefsd.com!darwin.sura.net!news-feed-2.peachnet.edu!concert!duke!  
news.duke.edu!ee.ee.duke.edu!jbs@network.  
Subject: Homoseckshul hams  
To: info-hams@ucsd.edu

In article <29di75INNre5@emx.cc.utexas.edu> oo7@emx.cc.utexas.edu (Derek Wills)  
writes:

>jherman@uhunix3.uhcc.Hawaii.Edu (Jeff Herman) proclaims:  
>

>>But no one is nauseated by the activities of Jewish amateurs, VFW  
>>amateurs, NRA amateurs, Viet Nam Vet amateurs, ...

>  
>I don't think this is true. I happen to be nauseated by the  
>activities of many NRA members

Which activities of which members nauseate you?

-joe

--

You spend the night  
Like you were spending a dime  
- Lyle Lovett

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Date: 12 Oct 93 14:50:56 GMT  
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!darwin.sura.net!news-  
feed-2.peachnet.edu!concert!duke!news.duke.edu!ee.ee.duke.edu!jbs@network.ucsd.edu  
Subject: Homoseckshul hams  
To: info-hams@ucsd.edu

In article <21811@news.duke.edu> jbs@ee.ee.duke.edu (Joe B. Simpson) writes:  
>In article <29di75INNre5@emx.cc.utexas.edu> oo7@emx.cc.utexas.edu (Derek Wills)  
writes:

>>

>>I don't think this is true. I happen to be nauseated by the  
>>activities of many NRA members

>

>Which activities of which members nauseate you?

Oops. PLEASE don't answer by posting. I don't want to start another  
off-subject controversy here. I meant to hit "R" - not "F".

-joe

jbs@ee.egr.duke.edu

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You spend the night  
Like you were spending a dime  
- Lyle Lovett

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Date: 12 Oct 93 16:41:00 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Info-Hams Digest V93 #1212  
To: info-hams@ucsd.edu

ref d104 I am using one on a ts850s/at and get very good audio reports  
with it, I also use one with a 440s again with good reports. As to where  
to get replacement parts. AES has most parts.

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Date: 12 Oct 93 14:55:21 GMT  
From: sdd.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!jholly@hplabs.hpl.hp.com  
Subject: Intolerance and stuff  
To: info-hams@ucsd.edu

Derek Wills (oo7@emx.cc.utexas.edu) wrote:  
: garys@Ingres.COM (Gary Swiger) says:

[stuff about QST ads and 75 meter fone deleted]

: Yes, amateur radio is bringing the country to a new low, what with  
: all them heteroseckshles in the schools - and I saw a lady's ankle  
: the other day. Pass the smelling salts! (so to say).

I say Derek, old chap, the schools in Texas certainly don't seem to  
be like the schools in California. We can generally see far more than  
an ankle on a warm day! Smelling salts don't seem to do the trick.

Jim Hollenback, WA6SDM  
jholly@cup.hp.com

-----  
Date: Tue, 12 Oct 1993 15:50:40 GMT  
From: loral!h1b@network.ucsd.edu  
Subject: Monitoring public service  
To: info-hams@ucsd.edu

Is it true that some public service dispatching, especially fire,  
uses tones to just turn on the radio reception in the station to  
which the run is addressed?

If so, can the CTCSS feature in a rig be used when monitoring the  
fire frequency to just hear calls meant for a specific station?

--  
h1b@li.loral.com

-----  
Date: 12 Oct 93 14:21:48 GMT  
From: pacbell.com!amdahl!JUTS!arl00@network.ucsd.edu  
Subject: More Power to You  
To: info-hams@ucsd.edu

Could some of the more experienced hands here offer up some advice on  
DC power supplys for the shack? I'm starting out with a Kenwood TM-742A,  
which will act as my base 2m/70cm for a while. My dealer sold me a

Daiwa PS-140II for \$70, which he assured me would be just fine as a power supply for the Kenwood.

Examination of the Daiwa's specs, however, have given me cause for some concern. It lists the max output current of the PS as 14A, and service current as 12A with "1 minute on / 3 minutes off". It also lists a "VDE" spec of 8A.

The Kenwood draws a maximum of 11.5 amps...is the power supply I have adequate for the Kenwood for (A) normal FM voice operation (B) occasional packet service?

If I should invest in a larger PS, how do Astron's compare to Daiwa? Do most hams use a separate PS for each rig, or run multiple units off a single large supply?

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Date: Tue, 12 Oct 1993 12:13:42 GMT  
From: elroy.jpl.nasa.gov!sdd.hp.com!col.hp.com!srngenprp!news.dtc.hp.com!hplextra!  
hplb!hpwin052!hpqmoea!dstock@ames.arpa  
Subject: Motorola  
To: info-hams@ucsd.edu

Try this analogy:

Your friendly dominant car manufacturer sells cars with 4 and 5 speed transmissions, but has found it easier and cheaper to build only the 5 speeder. It sells a 4 speeder that is really a 5 speeder with the 5th speed locked out by fitting a longer stop plug into the selector mechanism. Someone discovers this, and goes into business - he removes the plug and saws it shorter, he charges \$100 for this service. He then buys a number of the cars, modifies them and sells them. Individuals also hear, on the grapevine, and modify their own base model cars. The information could have come by word of mouth from the car plant, or maybe someone smart noticed it in a diagram in the service manual.

What can the factory do?

How would a court decide (courts are much better on physical objects than they are on intangibles like software, also case law is more developed)

I think the court would laugh, and not find for the car maker. The only thing that would get action would be if the modifier was trying to pass his version off as the manufacturer's.

The factory could consider the warranty void on modified vehicles.

Next step:

It turns out that the modifier was using tools (spanner, hacksaw) stolen from the car plant. This is simple theft.

or,

It turns out that the modifier has unauthorised copies of engineering drawings from the car plant, from which he got the dimensions of the sawn off plug. This is theft or breach of copyright.

Back to the real case.... I can understand how someone can get upset and take action if people go into business USING software stolen from them. Sounds fair to me.

If the radio modifiers are using their own software, then that is an entirely different matter.

Perhaps the advert was a bit of sabre rattling to allow their lawyers to show that they have been trying to assert their rights to their own software. If so, it was not written very clearly.

Just my personal opinion

David GM4ZNX

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Date: 12 Oct 93 13:03:15 GMT  
From: ogicse!emory!wa4mei!ke4zv!gary@network.ucsd.edu  
Subject: MOTOROLA  
To: info-hams@ucsd.edu

In article <1993Oct11.142415.4336@lmpsbbs.comm.mot.com>  
burke\_br@adcae1.comm.mot.com writes:  
>In article 7570@ke4zv.atl.ga.us, gary@ke4zv.atl.ga.us (Gary Coffman) writes:  
>  
>. Attempting  
>}to intimidate their customers isn't buying Motorola any good  
>}will.  
>  
>They aren't trying to intimidate their customers, they are trying to intimidate those  
>who would make a living from illegally modifying the radios software.



Then they're doing a particularly bad job of communicating that fact. As has now been discussed to death, modifying a legally purchased bit of firmware is not a crime. It doesn't violate copyright, Motorola doesn't have a patent on the code (which wouldn't matter anyway for single item production or modification under fair use), and Motorola doesn't force it's customers to sign a license agreement for the firmware (shrink wrap licenses are void), so Motorola has no legal recourse against anyone modifying their code unless those people \*distribute\* the modified code, including the bits produced by Motorola, to others. Motorola's ad does not make clear that they are after such acts of piracy.

Note, distributing a \*patch\* kit that doesn't include any Motorola code segments would be perfectly legal. Note too that Motorola has no legal claim on the grounds that code bits are being activated without the customer paying Motorola an extra fee either. This is like receiving unsolicited packages in the mail. You have every right to keep and use anything so distributed without paying for the unsolicited goods. That's what Motorola's extra code features are, unsolicited goods. They are no part of the customer's purchase order, so they are included by Motorola at Motorola's own risk.

Gary

--

Gary Coffman KE4ZV	"If 10% is good enough	gatech!wa4mei!ke4zv!gary
Destructive Testing Systems	for Jesus, it's good	uunet!rsiatl!ke4zv!gary
534 Shannon Way	enough for Uncle Sam."	emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244	-Ray Stevens	

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Date: 12 Oct 93 17:07:11 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Motorola (Another Opinion...)  
To: info-hams@ucsd.edu

Let's face it, that Motorola "Public Service" ad we all saw in the October issue of QST didn't look to me like the work of a professional Madison Ave. ad agency. In my opinion, several people in security got the go ahead to place an ad that they probably wrote themselves. Looks like the guy who wrote it drew the sketch of the un-smiling working class as well ! (Low budget advertising ?? :-) )

I haven't called the 800 number to find out more info, however I assume the ad was not specific enough in what they wanted to communicate to the reader.

Truth is, I don't think Motorola is so concerned about their

software being modified or second sources selling their Radio Interface Box (RIB) as much as they are about the potential of real criminals copying "codes" from cellular phones and making free calls. This is a real danger that can do major damage to that company and the whole industry and I do understand their fears. I imagine they advertised in other 'tech' magazines, hoping someone would know more info who is doing this type of hacking. Bell in the 1970's became extremely concerned with hackers when they realized what the "blue box" and "red box" could have done to their business. I sure would like to see a clarification of the ad printed somewhere down the line.

73,

Rich

WB2JBS

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Disclaimer: My employer has nothing to do with my mental noise

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Date: Tue, 12 Oct 1993 15:38:39 GMT

From: olivea!apple.com!netcomsv!netcom.com!royh@uunet.uu.net

Subject: Please Help Finding Mac Gray Line Software

To: info-hams@ucsd.edu

Dear Rec.Radio.Amateur.Misc:

I have a friend who is in need of a Gray Line program for the Macintosh. He's a contester and would like to use the software at the end of October.

Any advice or references will be greatly appreciated. Thanks!

Sincerely,

Roy Harvey / N6UVC

royh@netcom.com

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Date: Tue, 12 Oct 1993 13:37:05 GMT

From: pa.dec.com!oct17.dfe.dec.com!ryn.mro4.dec.com!fccvde.enet.dec.com!

klimasewski@decwrl.dec.com

Subject: SSC 7.0 fax software comments??

To: info-hams@ucsd.edu

Anyone using the new Software Systems Consulting 7.0 fax program??

Ken

-----  
Date: Tue, 12 Oct 1993 15:55:22 GMT  
From: sdd.hp.com!vixen.cso.uiuc.edu!howland.reston.ans.net!math.ohio-state.edu!  
pacific.mps.ohio-state.edu!linac!att!att-out!cbnewsd!cbnewsc!cbfsb!cbnews!cbnewst!  
cbnewsm!gdo%aloft.att.com@network.  
Subject: Summary of Ethernet coax responses  
To: info-hams@ucsd.edu

Hi Gang,

First, many thanks to the many people who responded to my original query regarding the merits of Ethernet coax for amateur radio. I have a bunch of the thick Teflon stuff, I believe made by DEC.

Here are some of the pertinent points:

1. Attenuation at 50 MHz is 1.2 dB per 100 feet. This is comparable to Belden RG-8U poly core, a hair worse than Belden RG-8U foam core, much better than RG-213U, and worse than Belden 9913.
2. The velocity factor is 0.66% as is RG-8U poly and RG-213U. TG-8U foam is 78%. I don't know how 9913 rates here.
3. This assumes Ethernet \*foam\* core. I have Teflon so I don't know what effect that will have.
4. It's still questionable how well it'll stand up to the rigors of the sun's UV rays over the long haul. One respondee is using it for a UHF repeater and so far so good.
5. Belden 9913 (air core) is less lossy than the foam and poly core RG-8U. It looks to be one of the best RG-8U types available.
6. The shielding of the Ethernet cable is as good as one can expect. It has braid then foil then more braid then more foil. You ain't gonna leak much outa this stuff.
7. Given that it is Teflon, it is easier to solder PL-259 connectors to it. You can apply more than enough heat without damaging the cable. I know this from practical experience. It's pretty easy to mess up 9913 because of the air core. I also know this from practical experience.
8. Ethernet cable is BIG bucks if you buy it new. Buy 9913 if you want good cable.
9. The price was right, making it one heckuva good deal! :-)

Again thanks to those who helped. I'm going to use it for some 2m and 220 antennas I'm planning and for some HF work.

--

Glenn D. O'Donnell, N3BDA  
AT&T Bell Laboratories  
Allentown, PA

Internet: gdo@aloft.att.com  
Packet: n3bda@n3dpu.#epa.pa.usa.na  
Home QTH: Palmerton, PA

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Date: 12 Oct 93 16:30:52 GMT  
From: ogicse!uwm.edu!math.ohio-state.edu!cs.utexas.edu!asuvax!ncar!  
ren@network.ucsd.edu  
To: info-hams@ucsd.edu

References <CCBzLn.Myp@news.Hawaii.Edu>, <wa2iseCEo694.FpF@netcom.com>,  
<CEpCo2.LMq@news.Hawaii.Edu>  
Subject : Re: How does your key feel?

>>I suppose you could use an old computer mouse and press on one of the buttons  
>>to tap out code. You might have to remove any mouse electronics and wire  
>>directly to the button switch contacts to get it to work. Might be easier  
>>on your hand and fingers.

>

I think instead of gutting the mouse electronics you should utilize  
them fully. Let's see, mouse left= down the band, mouse right=up the band,  
mouse up=more power, mouse down= less output power, one button for dots,  
another for dashes, and if you have another button...oh yeah! a macro  
such as CQ CQ CQ CQ CQ DX DX DX DX DX DE (YOUR CALL).

ren n0pvi

dona nobis pacem

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Date: 12 Oct 1993 14:41:09 GMT  
From: agate!howland.reston.ans.net!darwin.sura.net!news-feed-1.peachnet.edu!  
concert!inxs.concert.net!cole@ames.arpa  
To: info-hams@ucsd.edu

References <1993Oct10.144026.4994@mulvey.com>, <2544@indep1.uucp>,  
<29dksn\$2s2@agate.berkeley.edu>concer  
Subject : Re: Imminent Death of Ham Radio: 2m HT in Penney's Christmas Catalog

In article <29dksn\$2s2@agate.berkeley.edu>,  
Lee Thompson-Herbert <lee@soda.berkeley.edu> wrote:  
>In article <2544@indep1.uucp>, Cliff Sharp <clifto@indep1.UUCP> wrote:  
>

>There are also places in the country where "Break" is codeword for  
>"Emergency, get off the frequency NOW". Trying to get into a conversation  
>using "Break" instead of one's callsign may get one ignored as a lid.

I always thought it was "break, break" (theory books), but I assume local  
colloquialisms reign supreme.

WARNING: Minor peeve approaching.

What irritates me is that the one or two times I've said "break, break" (in the guise of calling 911) in my ham-life on a repeater, I have to then ask to use the patch, get an acknowledgment, etc, etc. If/When I say "break, break", shut up and let me call 911. If not, then what's stopping me from saying "salad, salad" (other than being ignored as a cabbage-head)?

Oh, well. Maybe I should move to one of the places referred to above...

73 de KC4WEJ,  
Derrick

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Limbaugh Watch for Tuesday October 12, 1993:

- Day 266 (286 if Rich/Dead) of "America Held Hostage" (aka the "Raw Deal")
- The Election was 344 days ago
- 1195 days remain

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End of Info-Hams Digest V93 #1214

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